

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

ORDER NO. R7-2003-0012

**WASTE DISCHARGE REQUIREMENTS
FOR
RIVERSIDE COUNTY, OWNER/OPERATOR
RIVERSIDE COUNTY SERVICE AREA NO. 62
WASTEWATER STANDBY BASINS
Ripley - Riverside County**

The California Regional Water Quality Control Board, Colorado River Basin Region, finds that:

1. Riverside County (hereinafter referred to as the discharger), 3525 14th Street, Riverside, California 92501, submitted on January 23, 2003 a Report of Waste Discharge application to update the Waste Discharge Requirements (WDRs) for their Service Area No. 62, wastewater standby basins located at 25871 Neighbors Boulevard, Ripley, California 92225.
2. The discharger is discharging a maximum daily flow of 35,000 gallons-per-day of domestic sewage from two (2) mechanically aerated lined basins into two (2) lined settling basins that flow to four (4) infiltration basins for final disposal. A tile underdrain system has been installed about eight (8) feet below the bottom of the infiltration basins. The tile underdrain was designed to prevent the water table from rising. Any discharge from the tile underdrain system would be into the Township Drain, which eventually flows into the Colorado River. However, there has been no observed flow to the Township Drain to date (since 1982). The facility is designed to treat 150,000 gallons-per-day of domestic sewage. The discharge site is located in the SE ¼ of the SE ¼ of Section 34, T7S, R22E, SBB&M.
3. This discharge has been subject to WDRs adopted in Board Order No. 90-063.
4. The monitoring and reporting requirements in Monitoring and Reporting program No. R7-2003-0012 and revisions thereto are necessary to determine compliance with these WDRs and to determine the facility's impacts, if any, on receiving water.
5. There are no domestic wells within 500 feet of the standby basins discharge facilities described in Finding No. 2, above.
6. This Board Order updates WDRs to comply with the current laws and regulations as set forth in the California Water Code and the California Code of Regulations.
7. The Water Quality Control Plan for the Colorado River Basin Region of California (Basin Plan), as amended to date, designates the beneficial uses of ground and surface waters in this Region.
8. The beneficial uses of ground waters in the Colorado Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)

However, the Basin Plan states: "At such time as the need arises to know whether a particular aquifer which has no known existing MUN use should be considered as a source of drinking water, the Regional Board will make such a determination based on the criteria listed in the 'Sources of drinking Water Policy' in Chapter 2 of this Basin Plan. An 'X' placed under the MUN in this Table for particular hydrologic unit indicates that only that at least one of the aquifers in that unit currently

supports a MUN beneficial use". Shallow groundwater in the vicinity of the discharge location is too saline for municipal use. Therefore, the existing municipal use in this Unit is practically inconsequential.

9. The discharger states that there are no discharges of pollutants (as defined in 33 U.S.C. Section 1362 (12)) from this site.
10. In accordance with Section 15301, Chapter 3, Title 14 of the California Code of Regulations, the issuance of these WDRs, which govern the operation of an existing facility involving negligible or no expansion of use beyond that previously existing, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000 et seq.)
11. The Board has notified the discharger and all known interested agencies and persons of its intent to update WDRs for this discharge and has provided them with an opportunity for a public meeting and an opportunity to submit comments.
12. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED, that Board Order No. 90-063 is rescinded, and in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, the discharger shall comply with the following:

A. Effluent Limitations

1. The effluent discharge values for pH shall not be below 6.0 or above 9.0.
2. The concentration of total dissolved solids (TDS) in the wastewater discharged to the standby basins shall not exceed the calculated annual TDS value of the existing groundwater¹. If this TDS limitation is exceeded, the discharger shall develop and implement appropriate mitigation measures, which are acceptable to the Regional Board's Executive Officer.

B. Prohibitions

1. The direct discharge of any wastewater from the standby basins to any surface waters or surface drainage courses is prohibited.
2. Bypass, overflow, discharge or spill of untreated or partially treated waste is prohibited.
3. The discharge of waste to land not owned or controlled by the discharger is prohibited.
4. Discharge of treated wastewater at a location or in a manner different from that described in Finding No. 2 above, is prohibited. This prohibition does not limit the flexibility in discharging different percentages of treated wastewater.
5. The discharger shall not accept waste in excess of the design treatment capacity of the disposal system.

C. Specifications

1. The treatment or disposal of wastes from this facility shall not cause pollution or nuisance as defined in Section 13050(l) and 13050(m) of Division 7 of the California Water Code.

¹The TDS value shall be the annual calculated value determined from the results of the groundwater monitoring and sampling at the site.

2. A minimum depth of freeboard of two (2) feet shall be maintained at all times in the standby basins.
3. Public contact with non-disinfected wastewater shall be precluded through such means as fences, signs, and other acceptable alternatives. The non-disinfected wastewater is not approved for off-site distribution. Conspicuous signs shall be posted in a prominent location in each area where non-disinfected wastewater is stored on-site.
4. The standby basins shall be managed to prevent breeding of mosquitoes, in particular:
 - a. An erosion control program should assure that small coves and irregularities are not created around the perimeter of the water surface;
 - b. Weeds shall be minimized through control of water depth, harvesting, or herbicides.
 - c. Dead algae, vegetation, and debris shall not accumulate on the water surface.
5. The standby basins shall be maintained so they will be kept in aerobic conditions.
6. The standby basins shall be protected from any washout or erosion of wastes or covering material, and from any inundation, which could occur as a result of floods, having a predicted frequency of once in 100 years.

D. Provisions

1. The discharger shall comply with Monitoring and Reporting Program No. R7-2003-0012 and revisions thereto, as specified by the Regional Board's Executive Officer.
2. Prior to any modifications in this facility, which would result in material change in the quality or quantity of wastewater treated or discharged, or any material change in the location of discharge, the discharger shall report all pertinent information in writing to the Regional Board and obtain revised requirements before any modifications are implemented.
3. Prior to any changes in ownership or management of this operation, the discharger shall transmit a copy of this Board Order to the succeeding owner/operator, and forward a copy of the transmittal letter to the Regional Board.
4. The discharger shall ensure that all site-operating personnel are familiar with the content of this Board Order, and shall maintain a copy of this Board order at the site.
5. This Board Order does not authorize violation of any federal, state, or local laws or regulations.
6. Facilities shall be available to keep the plant in operation in the event of commercial power failure.
7. The discharger's wastewater facility shall be supervised and operated by persons possessing certification of appropriate grade pursuant to Section 3680, Chapter 26, Division 3, Title 23 of the California Code of Regulations. The discharger shall ensure that all operating personnel are familiar with the contents of this Board Order.
8. The discharger shall comply with all of the conditions of this Board Order. Any noncompliance with this Board Order constitutes a violation of the Porter-Cologne Water Quality Control Act and is grounds for enforcement action.
9. The discharger shall, at all times, properly operate and maintain all systems and components of collection, treatment and control which are installed or used by the discharger to achieve

compliance with the conditions of this Board Order. Proper operation and maintenance includes effective performance, adequate process controls and appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of this Board Order. All systems both in service and reserved, shall be inspected and maintained on a regular basis. Records shall be kept of the inspection results and maintenance performed and made available to the Regional Board upon demand.

10. The discharger shall report any noncompliance that may endanger human health or the environment. The discharger shall immediately report orally information of the noncompliance as soon as (1) the discharger has knowledge of the discharge, (2) notification is possible, and (3) notification can be provided without substantially impeding cleanup or other emergency measures, to the Regional Board office and the Office of Emergency Services. During non-business hours, the discharger shall leave a message on the Regional Board office voice recorder. A written report shall also be provided within five (5) business days of the time the discharger becomes aware of the incident. The written report shall contain a description of the noncompliance and its cause, the period of noncompliance, the anticipated time to achieve full compliance, and the steps taken or planned, to reduce, eliminate, and prevent recurrence of the noncompliance.
11. The discharger shall allow the Regional Board, or an authorized representative, upon presentation of credentials and other documents as may be required by law, to:
 - a. Enter upon the premises regulated by this Board Order, or the place where records must be kept under the conditions of this Board Order.
 - b. Have access to and copy, at reasonable times, any records that shall be kept under the conditions of this Board Order.
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Board Order.
 - d. Sample or monitor at reasonable times, for the purpose of assuring compliance with this Board Order or as otherwise authorized by the California Water Code, any substances or parameters at this location.
12. The discharger shall comply with the following:
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
 - b. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Board Order, and records of all data used to complete the application for this Board Order, for a period of at least 5 years from the date of the sample, measurement, report or application.
 - c. Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements.
 2. The individual(s) who performed the sampling or measurements.
 3. The date(s) analyses were performed.
 4. The individual(s) who performed the analyses.
 5. The results of such analyses.

13. The discharger is the responsible party for the WDRs and the monitoring and reporting program for the facility. The discharger shall comply with all conditions of these WDRs. Violations may result in enforcement actions, including Regional Board Orders or Court Orders, requiring corrective action or imposing civil monetary liability, or in modification or revocation of these WDRs by the Regional Board.
14. The discharger shall furnish, under penalty of perjury, technical monitoring program reports, and such reports shall be submitted in accordance with the specifications prepared by the Regional Board's Executive Officer and in Monitoring and Reporting Program R7-2003-0012. Such specifications are subject to periodic revisions as may be warranted.
15. This Board Order is subject to Regional Board review and updating, as necessary, to comply with changing state or federal laws, regulations, policies, or changes in the monitoring or discharge characteristics.

I, Philip A. Gruenberg, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Order adopted by the California Regional Water Quality Control Board, Colorado River Basin Region, on May 7, 2003.

Executive Officer